Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 10/754,543 KOO ET AL. Art Unit Examiner Fazli Erdem 2826 (Through numeral) Rejected Non-Elected Appeal Cancelled N Α 0 ı Allowed Restricted Interference Objected

The color of the			ıt o	D:			_	aim	CI	¬‱			Dat				Cla	18881	$\overline{}$	_	·	Dat			5	im 1	Cir
1			T	1	_				O.	- ∭	$\overline{}$	1 1	T	1		Τ-	- 016		$\neg \vdash$	1 1	T	Tal	$\overline{}$		19	11111 _	0
1				-				la l	=			11		1 1		ja l	=		.		1				Ιt	<u> </u>	l <u>-</u>
1				- 1	- 1			ig i	ŭ.			1 1		1 1		<u>i</u>	<u>.</u>		.	П					11	<u> </u>	. <u>e</u>
1		1		-	- 1			ō	11							Ιō	1		.	H				5	8	اة <b>ا</b>	۳ ا
S2	++		4		4					‱				$\bot$					$\dashv$	$\sqcup$	1_		_		0		
S3	$\dashv$	4	4		_					_	+			Ш	$\sqcup \!\!\! \perp$				$\blacksquare$	$\sqcup$	↓_	╀	_		7	_	
4	$\bot\bot$		┸		_					_		$\sqcup \sqcup$		Ш	oxdot						L				J		
S	$\perp \perp$	┸	┸	$\perp$	_					_		$\sqcup$		Ш	Ш	53					┖						
6 Q     0     106     107     107     107     107     107     108     108     108     108     109     109     109     109     109     110     110     109     110     111										_ ‱									لــــــــــــــــــــــــــــــــــــــ								
7     8     107     108     108     108     108     108     109     109     110     110     111     111     110     111     111     110     111										_											Ī					5	
7     8     107     108     108     109     108     109     109     110     110     111     110     111     111     110     111		Т	Т					106						П		56			$\Box\Box$	П	П	Т	Т		S	6	
8   9   108   109     10   60   110   110     11   60   1110   111     12   62   1112   112     13   63   113   114     15   65   115   115     16   66   66   1116     17   65   117   118     19   68   1118   119     20   70   120   120     21   71   121   121     22   72   122   122     23   73   123   123     24   74   124   124     25   75   125   125     26   76   126   127     28   78   128   130     30   79   129   129     30   80   130   131     31   82   132   133     33   82   135   136     33   84   84   134 <td></td> <td>Т</td> <td><math>\top</math></td> <td><math>\neg</math></td> <td>ヿ</td> <td></td> <td></td> <td>107</td> <td></td> <td></td> <td></td> <td>П</td> <td></td> <td><math>\sqcap</math></td> <td></td> <td>57</td> <td></td> <td></td> <td><math>\Box\Box</math></td> <td>П</td> <td>T</td> <td><math>\top</math></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>		Т	$\top$	$\neg$	ヿ			107				П		$\sqcap$		57			$\Box\Box$	П	T	$\top$			1		
9	$\neg \neg$	$\top$	T	T	ヿ					-  ‱	1		$\neg$	$\Box$						П		1	$\neg$		П	_	
10	$\neg \vdash \vdash$	1	$\top$		_			109		- ∭	1 1			$\Box$						П	1	1	$\neg$				
11   12   61   111   112   113   114   114   114   114   114   114   114   114   115   115   116   116   116   116   116   116   116   116   117   117   117   117   117   118   118   118   118   118   119   120   120   120   120   120   120   120   121   121   121   121   122   123   125<	$\neg \vdash$	1	$\top$	7	┪					┨∭	1 1	$\vdash$	$\neg$	$\Box$	<u> </u>				$\dashv \dashv$	$\Box$	1	$\top$	$\neg$	$\neg$	T		
12		_	+	- -	寸					Ⅎ⋙	1	$\vdash$	_	+	$\vdash$					H	╁	╅		$\dashv$	Н		$\vdash$
13	_ _		+	+	7		$\vdash$			- ∭	++	- -		1 1	$\vdash$		_		$\dashv$	<del>   </del>	╁	╁		-	Н		$\vdash$
14		+	+	+	$\dashv$					$\dashv$	+-	$\vdash\vdash$		+	$\vdash$		-			╁	╁	╁	$\dashv$	$\dashv$	Н		<del></del>
15	<del>- - </del> -	+	+	+	$\dashv$		Н			-	+	⊢┼	$\dashv$	╁┼┤	$\vdash$		<u> </u>			╂╼╌╂	╁	╁		$\vdash$	Н		<b>-</b>
16			+	+	-	-	$\vdash$	114		-{::::	++	$\vdash \vdash$	+	+	$\vdash$		L			╂┷╂	$\vdash$	+	+	$\dashv$	H		<u> </u>
17		-	╬		$\dashv$	$\dashv$	_			-	+	$\vdash$		+	$\vdash$					₽	1	┺			Н		<u> </u>
18   19   68   118   119   119   119   119   120   120   120   120   120   121   121   121   121   121   122   122   123   123   123   123   123   123   124   124   124   124   124   125   126   126   126   126   127   127   128   128   128   128   129   129   129   130   130   131   131   131   131   131   132   133   133   133   133   133   133   133   134   134   134   134   134   135   136   136   136   137   137   138   138   138   138   139   140   141   141   141   141   141   141   141   142<	++	+	+	+						-1000	++	$\vdash \vdash$	-	1-1	<del></del>		ļ		$\dashv$	$\vdash$	₩	1	_ _	_	Ш		
19	$\dashv \perp$	+	4	-	_			117		_	++	$\Box$		$\perp$						$\sqcup$	_	1	_ _	Ц	Ц		
20   70   120     21   71   121     22   72   122     73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   82   132     33   84   134     34   84   134     35   86   135     36   86   136     37   88   138     39   89   139     40   90   140     41   91   141     42   92   142	$\dashv$	_	4		_1					_		Ш		$\sqcup$						Ш	L			Ц	Ш		
21   71   121     22   72   122     23   123   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   88   138     39   89   139     40   90   140     41   91   141     42   92   142	$\bot$		┸	$\perp$				119		_ ◎		Ш								Ш	$oldsymbol{ol}}}}}}}}}}}}}}}}}$						L
22   72   122     23   73   123     24   74   124     25   125   126     26   76   126     27   77   127     28   78   128     29   79   129     30   79   129     30   80   130     31   81   131     32   82   132     33   82   132     33   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     41   91   140     41   91   141     42   92   142		┸		$oldsymbol{\perp}$	┙					_ ∭		Ш		Ш					للك	Ш							
23   73   123     24   74   124     25   75   125     26   76   126     27   127   127     28   78   128     29   79   129     30   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   88   138     39   89   139     40   90   140     41   91   141     42   92   142										_					L. L.											21	
24   124     25   125     26   125     27   126     27   127     28   77     29   129     30   80     31   81     32   82     33   132     83   133     34   84     35   85     36   136     37   87     88   138     39   88     40   90     41   91     141     42   92								122												П	П	T			T	22	
24   124     25   125     26   125     27   126     27   127     28   77     29   129     30   80     31   81     32   82     33   132     83   133     34   84     35   85     36   136     37   87     88   138     39   88     40   90     41   91     141     42   92		7-	T					123				П		ПП		73			$\Box$	П	П	T			T	23	
25 75   26 76   27 77   28 78   29 128   30 80   31 81   32 82   33 84   35 85   36 86   37 87   38 133   39 88   40 90   41 91   125   126   127   128   129   129   130   131   132   133   133   134   135   136   137   138   139   140   141   42			T	_ _						<b>⊤</b> [‱				Ш					$\neg \neg$	Ħ		1			П		
26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142	$\neg \neg$	1	T		╛			125		- ‱	11	$\Box$		$\Box$					$\neg \neg$	$\Box$	T	1			7		
27 77   28 78   29 79   30 80   31 81   32 82   33 132   33 84   35 85   36 86   37 87   38 138   39 89   40 90   41 91   141   42 92	$\top$	1	1	1	_		$\vdash$			⊣‱	1	$\vdash$	_	$\Box$					$\dashv$	$\Box$	$\vdash$	1	$\neg$	$\neg$	$\dashv$		$\vdash$
28   78   128     29   80   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142	$\neg \neg$	╅	1	$\top$	寸		1	127		$\dashv $	1 1	$\vdash$		$\Box$					$\dashv$	$\Box$	$\top$	T	_	$\dashv$	1		-
The state of the		+	+	十	$\dashv$					- ∰	1	$\vdash$	_	H	$\vdash$				-1-1	$\vdash$	1	+		$\dashv$	$\dashv$		
30		┰	十	$\dashv$	$\dashv$		-	120		-∤‱	╌╂╌╌┼╌	$\vdash$	+	╁	+	70				$\vdash$	+-	╁╌		$\dashv$	$\dashv$		-
31 81   32 82   33 132   34 83   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92	++	+	+	$\dashv$	$\dashv$		$\vdash$			┨Ѿ	+	⊢⊹		$\vdash$	$\vdash$				$\dashv\dashv$	┨	+	+	+	7	$\dashv$		$\vdash$
32	++	+	╬	+	┥	-	Н			- ‱	+	$\vdash$		╂═╂					$\dashv\dashv$	$\vdash$	+	┿	-+	$\dashv$	N.		├─
33   Q   83   133   134   134   134   134   134   134   134   135   135   135   135   136   136   136   137   137   137   137   137   138   138   138   138   139   139   140   141   141   141   141   141   141   141   141   142   143   144 </td <td></td> <td></td> <td>+</td> <td>+</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td></td> <td></td> <td></td> <td>- ∭</td> <td>- </td> <td><math>\vdash</math></td> <td>-</td> <td>┦</td> <td><math>\vdash</math></td> <td></td> <td></td> <td></td> <td></td> <td><math>\vdash</math></td> <td>╄</td> <td>╁</td> <td>4</td> <td><math>\rightarrow</math></td> <td>(Q)</td> <td></td> <td></td>			+	+	$\dashv$	$\dashv$				- ∭	-	$\vdash$	-	┦	$\vdash$					$\vdash$	╄	╁	4	$\rightarrow$	(Q)		
34 134   35 85   36 135   37 86   37 87   38 137   38 88   39 89   40 90   41 91   42 92		+	+	+	-	-	$\vdash$			-		$\vdash \vdash$	-	╀┤	$\vdash$					$\vdash$	╁	$\vdash$	+	$\dashv$	$\preceq$		
35 36   37 38   38 88   39 88   40 90   41 91   42 92   135 136   137 137   138 138   139 140   141 91   141 141   142 142	++	+	+	-		_	<u> </u>	133		- ‱	+	$\vdash \vdash$		┦╌┦	<b></b>				$oldsymbol{+}oldsymbol{+}$	$\sqcup$	$\vdash$	$\vdash$	$\dashv$	_	Y.		<u> </u>
36 37 38 136 137 137 138 138 138 138 138 139 139 140 140 141 141 141 141 141 141 141 142		-	4-	+	4		<u> </u>			-		-	_ _	<del>                                     </del>	$\vdash \vdash$				-	$\sqcup$	1	$\bot$		_	44		<u> </u>
37 64   38 88   39 89   40 90   41 91   42 92	$\dashv \perp$		4	_	_		_			_	1-1-	$\sqcup \!\!\! \perp$	_ _	╨	$\sqcup \!\! \perp$					$\sqcup$	┞	↓_	_ _	_	Ш		
38 88   39 89   40 90   41 91   42 92			1	_ _	_					_	$\perp \perp$	$\sqcup \bot$	$\perp$	$\sqcup$	oxdot		L			╙	上	1_	L_		Ш		<u></u>
39 89   40 90   41 91   42 92	$\bot\bot$	$\bot$	丄								$\bot\bot$	$\sqcup \!\!\! \perp$	_ _	$oxed{oxed}$					]		上	L					<u></u>
40 — 90 140 141 141 42 92 142 142 142 1			L							_		$\Box$		$oldsymbol{oldsymbol{oldsymbol{\sqcup}}}$						Ш	L		$\bot \!\!\! \bot$	I	-		
41 91 141 142 142 142 142 142 142 142 142 14			L					139		_				$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}} $	$\Box \Box$	89				$\Box$		$\perp$					
41 91 141 142 142 142 142 142 142 142 142 14					_7	_7		140			T					90				$\Box$	Γ	Π				40	
42 92 142 142		T	T	T	$\Box$	$\Box$		141						$\Box$		91									_		
		$\neg \vdash$	$\top$	$\top$	$\neg$	$\dashv$		142			$\top$	$\sqcap$		$\Box$					$\neg \neg$	$\Box$		1		一			
, 140, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			十	$\top$	寸	$\dashv$		143			11	一	$\neg$	+	$\vdash$	93			$\dashv \dashv$	T	Τ	T	_	一		43	
44 94 144		$\top$	十	$\top$	_			144			++	$\vdash$	_	1-1	_				$\dashv\dashv$	1 1	$\vdash$	T	$\dashv$	$\dashv$	_		$\vdash$
45 95 145	+	_	+	$\top$	$\dashv$	$\dashv$	$\vdash$	145		7	<del>     </del>	一十	$\dashv$	$\Box$	$\vdash$	95			$\dashv \dashv$	$\Box$	$\vdash$	+		一		45	<u> </u>
46 96 146	<del>- - -</del>	+-	+	+	-+	-	$\vdash$			-	+-	$\vdash \vdash$	-	↤	$\vdash$				$\dashv\dashv$	╁┼	$\vdash$	+-	- -	$\dashv$	$\vdash$		$\vdash$
46 47 97 147 147	<del>- - -</del>	+-	+	+	-+	-	$\vdash$	1/17		-	╅	┝┼	$\dashv \vdash$	┨	$\vdash$	07				┥┤	╆	+-		$\dashv$	$\vdash$	40	<del> </del>
He   He   He   He   He   He   He   He		+	+	+		$\dashv$		14/			+-+	⊢⊦		┨						╁╌╂	┨	+	-		-		<u> </u>
48 98 148 148			+	+	4	$\dashv$	-	148		-∤::::	++	$\vdash \vdash$	- -	╀┦	-	98				╁╌╂	⊢	+	+		-		
49 99 149 149	+	+	+	+		_	L-	149		-	4-4	⊢⊢		┦	$\vdash$	99				╁╌╂	┺	+	-	_	$\Box$		<u></u>
50 1 150 1 150	I I	ı	ı	ı	ı	ı		150	l	1388	I I	ıl	ı	1 1	<b> </b>	100			1 1	1 1	1	l	ı	ı	l	50	l i